

HOT LAMINATING APPARATUS AND ELECTRIC CONTACT ENABLING DEVICE FOR USE IN SAME

ABSTRACT OF THE DISCLOSURE

A laminating apparatus includes a roller, an electro-heating shaft, a power transmitting and resilient member and a power transmitting and securing member. The roller is in contact with a thin film, moves through the thin film to heat and laminate the thin film to a sheet material. The electro-heating shaft is wrapped by the roller, transforms electric energy into thermal energy to heat the thin film, and drives rotation of the roller to move through the thin film. The power transmitting and resilient member is in contact with an axial end surface of the electro-heating shaft in an axial direction of the electro-heating shaft for transmitting electricity from a power source to the electro-heating shaft. The power transmitting and securing member is coupled to the electro-heating shaft for compressing the power transmitting and resilient member therebetween, thereby continuously transmitting the electricity from the power source to the electro-heating shaft via the power transmitting and securing member.